

What is claimed:

- Sub A1
1. An apparatus for graphically presenting information representative of the operation of a communication system to a user monitoring the performance of the system, comprising:
 - 5 a graphical user interface that displays information representative of the operation of the system at a plurality of test points to the user;
 - a plurality of different bandwidths presented to the user for each of the test points, the plurality of different bandwidths displaying information representative of the operation of the system; and
 - 10 a graphical image representative of the operation of the system at the given test point for each bandwidth.
 2. The apparatus of claim 1, wherein the communication system is a telephony system.
 3. The apparatus of claim 1, wherein the communication system is a data system.
 4. The apparatus of claim 2, wherein the communication system is broadband
 - 15 telephony system.
 5. The apparatus of claim 3, wherein the communication system is a broadband data system.
 6. The apparatus of claim 1, wherein, for each bandwidth associated with a given test point, a graphical image representative of the signal-to-noise ratio of the system at the given
 - 20 test point is presented to the user.
 7. The apparatus of claim 6, wherein for each bandwidth associated with a given test point, a first color is presented to the user if the signal-to-noise ratio of the system at the given test point exceeds a predetermined threshold, and at least one further color is

presented to the user if the signal-to-noise ratio of the system at the given test point fails to exceed the predetermined threshold.

8. A method for graphically presenting information representative of the operation of a communication system to a user monitoring the performance of the system, comprising the steps of:

simultaneously displaying information representative of the operation of the system at a plurality of test points to the user;

wherein, for each of the test points, information representative of the operation of the system at a plurality of different bandwidths is also simultaneously presented to the user during the displaying step; and

wherein, for each bandwidth associated with a given test point, a graphical image representative of the operation of the system at the given test point is also presented to the user simultaneously during the displaying step.

9. The method of claim 8, wherein the communication system is a telephony system.

10. The method of claim 8, wherein the communication system is a data system.

11. The method of claim 9, wherein the communication system is broadband telephony system.

12. The method of claim 13, wherein the communication system is a broadband data system.

13. The method of claim 8, wherein, for each bandwidth associated with a given test point, a graphical image representative of the signal-to-noise ratio of the system at the given test point presented to the user during the displaying step.

14. The method of claim 13, wherein for each bandwidth associated with a given test point, a first color is presented to the user if the signal-to-noise ratio of the system at the

given test point exceeds a predetermined threshold, and at least one further color is presented to the use if the signal-to-noise ratio of the system at the given test point fails to exceed the predetermined threshold.

15. A computer readable medium having stored thereon instructions for graphically presenting information representative of the operation of a communication system to a user monitoring the performance of the system, wherein the instructions, when executed by a processor, cause the processor to:

simultaneously display information representative of the operation of the system at a plurality of test points to the user;

wherein, for each of the test points, information representative of the operation of the system at a plurality of different bandwidths is also simultaneously presented to the user;

and

wherein, for each bandwidth associated with a given test point, a graphical image representative of the operation of the system at the given test point is also simultaneously presented to the user.